

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2014-10
Trimble / US 421 Milton-Madison Bridge Approach / 5-135.81

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County – Trimble

Route – US 421

Item No – 5-135.81

Project Description – Provide Preliminary Engineering for the realignment of the US 421 bridge approach to the Milton-Madison Bridge.

II. PROJECT INFORMATION

Project Manager – Beth Niemann, PE

User Division – Division of Highway Design

Approximate Fee – \$150,000 Preliminary Engineering (Phase I Design) Lump Sum Contract

Project Funding – State Funds (SPP)

Project Length – 0.35 miles

III. PURPOSE AND NEED

The purpose of this project is to improve safety, geometry and traffic flow to/from the Milton-Madison Bridge along US 421.

A variety of substandard geometric features and potential safety issues for US 421 were identified in the *Needs and Deficiencies Report* that was developed in association with the Milton-Madison Bridge Project in March 2009. The report noted the following: narrow lanes and shoulders exist along US 421 in this area; small approach radii at KY 36 and US 421 force large trucks to travel outside of their designated lane; the existing horizontal curve coming off the bridge to the south was found to be deficient; inadequate stopping sight distance on the existing approach to the bridge was also noted along with poor access management.

IV. DBE REQUIREMENT

None Required

V. SCOPE OF WORK

The selected Consultant will be responsible for Phase I Roadway Design, including the preparation of preliminary line and grade plans, creating appropriate typical sections, preliminary drainage design, developing cost estimates for each alternative, preparing documents for Public Meetings, and preparing plans/documents used in obtaining an approved Environmental Document.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the advertised services to be performed by in-house state forces.

This project can be advanced to Final Roadway Design with a Contract Modification. The Cabinet reserves the right to advertise the entire project for Final Roadway Design or advertise separate sections of the project.

Structure Design services, if needed, may be added to the contract agreement by Contract Modification.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

The Milton-Madison Bridge Project (Item Number 5-135.80) *Needs and Deficiencies Report* was completed in March 2009 and is available on the project's web page.

<http://www.miltonmadisonbridge.com/pdf/NeedsandDeficiencies.pdf>

The Milton-Madison Bridge Project (Item Number 5-135.80) *Finding of No Significant Impact (FONSI)* was approved in March 2010 and is available on the project's web page.

<http://www.miltonmadisonbridge.com/wp-content/themes/miltonmadison/pdf/nepa/signed%20fonsi%203-15-10.pdf>

The Milton-Madison Bridge Project (Item Number 5-135.80) *Reevaluation of the Finding of No Significant Impact (FONSI)* dated February 7, 2011 is available on the project's web page.

<http://www.miltonmadisonbridge.com/wp-content/themes/miltonmadison/pdf/FONSI-Reevaluation%202-11-11.pdf>

The Milton-Madison Bridge Project (Item Number 5-135.80) *Initial Location Alternatives Screening Report (Final)* dated August 2009 is available on the project's web page.

<http://www.miltonmadisonbridge.com/wp-content/themes/miltonmadison/pdf/alternatives/ScreeningReport8-5-09.pdf>

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the current CADD Standards for Highway Plans Policy in the development of the highway plans.

IX. PHOTOGRAMMETRIC SERVICES

The Department will be responsible for obtaining mapping and LIDAR data. The selected Consultant shall supplement this information with conventional surveying as needed.

X. ENVIRONMENTAL

The Department will provide any necessary Environmental Services. The anticipated environmental document is a Level 1 Categorical Exclusion.

XI. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XII. STRUCTURE DESIGN

Not applicable for Phase I Design.

When the project advances to Phase II Design, and if the selected Consultant is retained for Phase II Design, they shall do the necessary engineering service to submit to the KYTC an Advanced Situation Folder(s) for the appropriate applicable structure(s). Structure Design Services may be added by Contract Modification. Prequalification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement.

XIII. TRAFFIC

Traffic projections and related information will be provided by the Department.

XIV. RIGHT OF WAY

The selected Consultant shall identify property owners within the project limits. Property owner information shall be shown on the plans along with existing right of way and property lines. Right of way summary sheets shall be provided with the Preliminary Line & Grade submittal showing areas of taking for each alignment alternative.

XV. UTILITY DESIGN

The selected Consultant shall provide a project location map to the Department. The Department will send project location maps to all potential Trimble County utility contacts to determine whether they may have existing utilities within these project limits. The Department will develop the utility contact list. Facility atlas maps received for this project will be provided to the selected Consultant. All utilities including aerial carriers shall be field-verified by the Consultant. Sizes and types of underground and aerial utilities shall be identified on the plans for each alignment alternative in the PL&G submittal.

XVI. PREQUALIFICATION REQUIREMENTS

To respond to this project, the consultant project team must be prequalified in the following areas by the date of this advertisement.

ROADWAY DESIGN

- Urban Roadway Design
- Rural Roadway Design
- Surveying

STRUCTURE DESIGN

- Structure Design – Spans Under 500'

XVII. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE • April 30th, 2014 4:30 p.m. E.S.T. (Frankfort time)

FIRST SELECTION COMMITTEE • May 6th, 2014

FINAL SELECTION COMMITTEE • May 21st, 2014

PRE-DESIGN CONFERENCE • May 28th, 2014

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • June 9th, 2014

CONTRACT NEGOTIATIONS • June 20th, 2014

NOTICE TO PROCEED • August 1st, 2014

XVIII. PROJECT SCHEDULE

PUBLIC MEETING – December 2014

PRELIMINARY LINE AND GRADE – February 2015

XIX. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (10 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
5. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

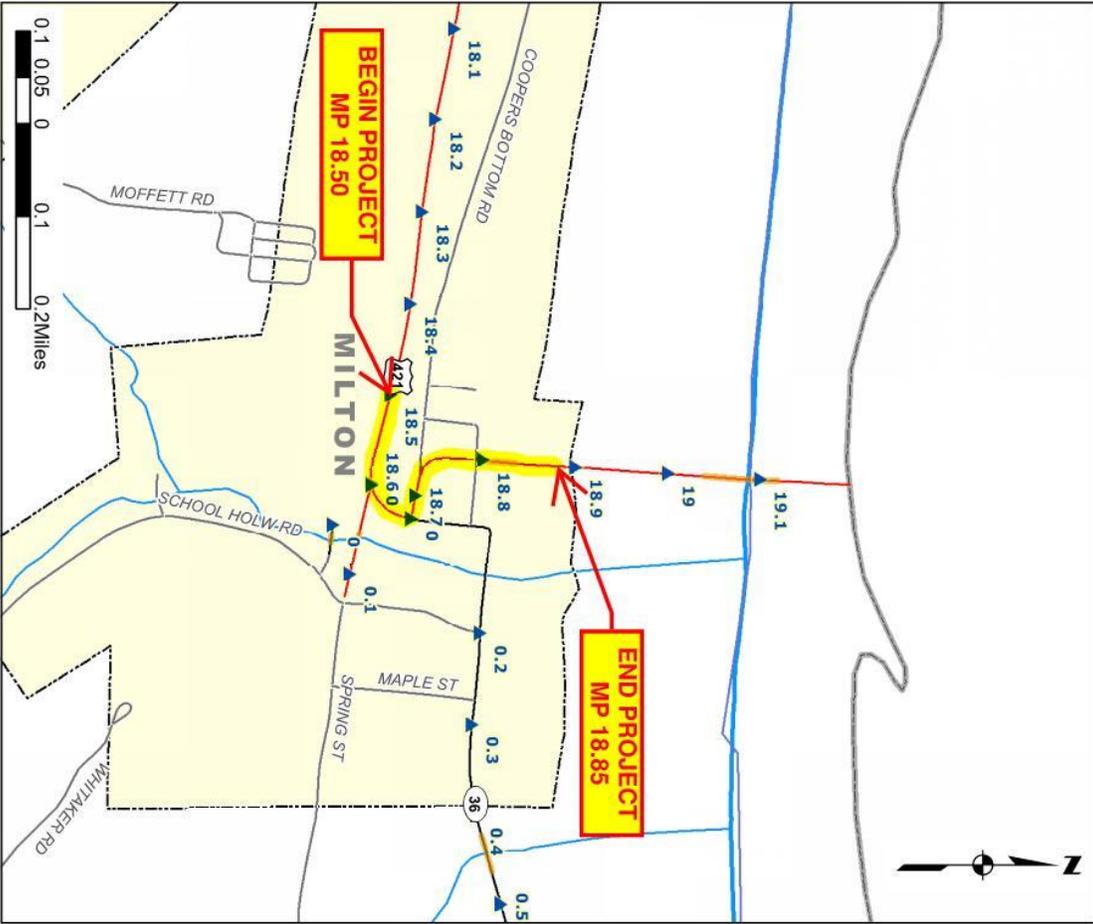
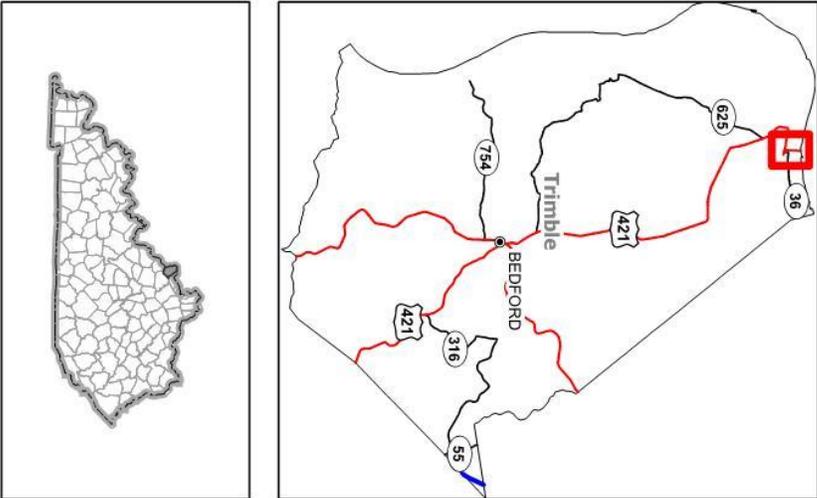
XX. SELECTION COMMITTEE MEMBERS

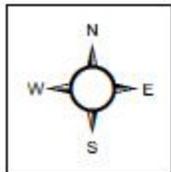
1. Beth Niemann, PE, User Division
2. Jill Asher, PE, User Division
3. Brad Eldridge, PE, Secretary's Pool
4. Carl Van Zee, PE, Secretary's Pool
5. James Rogers, Governor's Pool

PROJECT MAP
TRIMBLE COUNTY
ITEM NO. 5-135.81

Provide Preliminary Engineering for the realignment of the US 421 bridge approach to the Milton-Madison Bridge

Date: 3/28/2014





Project Location
Milton-Madison Bridge Approach
Item No. 5-135.81
Trimble County

